

Columbia River Temperature TMDL Meeting

March 4, 2008

EPA Region 10, 1200 Sixth Avenue, Seattle, Washington

Shoshone Room, 15th Floor

Meeting Objectives

1) Sharing Information on the Existing Draft TMDL

- *technical foundation*
- *policy issues*
- *conclusions to date*

2) Open Dialogue on Options for the TMDL

- *technical options*
- *policy and process options*

Attendees

Laurie Mann, EPA

Ben Cope, EPA

Francoise Brasier, EPA

Mike Schneider, USACE

Rudd Turner, USACE

Steve Juul, USACE

Kent Easthouse, USACE

Bryan Horsburgh, BOR

Merlynn Bender, BOR

Draft Agenda

9:00 Introductions, Objectives, and Agenda (EPA)

9:20 Overview and status of temperature modeling in the basin

9:20 RBM10 Model and its use in the Draft TMDL (EPA)

10:00 CE-QUAL-W2 model of the Snake River (Corps)

10:30 <<BREAK>>

10:40 CE-QUAL-W2 model(s) of Lake Roosevelt (BOR)

11:00 Technical/policy issues in the preliminary draft TMDL

- boundary conditions (tributaries, Dworshak, USA/Canada border)
- target metric (average daily temperature at tailrace)
 - changes to water quality standards since pre-draft TMDL
- allocations to dams
- model uncertainty
- achievability

12:00 << LUNCH >>

1:00 Technical/policy options in a TMDL re-start

- retaining RBM10 framework and analysis method
- updating database, adjusting scenarios, document revisions
- new model
 - model selection issues
 - 1D or 2D
 - # of simulation years
 - geographic scale of TMDL(s))
- choices on handling complexity
 - data handling and interpretation with 2D model grid
 - possible simplifications of approach in original draft
- resources (who does the work and how is it funded?)
- thermal trading

2:00 Big Picture: Will more technical analysis change the bottom line?

2:30 Next Steps

Report to Management Group from this Meeting

3:00 Adjourn